Move files from one folder to the respective folders.

E.g current folder have files abc.txt, def.txt, ghi.txt, jkl.txt
    You have to move these files to the folder like   abc.txt => abc/ , def.txt => def/ ...
    Expected outcome -
                    abc/abc.txt
                    def/def.txt
                    ghi/ghi.txt
                    jkl/jkl.txt

ADMIN@DESKTOP-NTE5JUC MINGW64 ~
$ cd desktop

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop
$ mkdir CIC526

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop
$ cd CIC526

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526
$ mkdir Day3

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526
$ cd Day3

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ touch abc.txt def.txt ghi.txt jkl.txt

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ ls *.txt
abc.txt def.txt ghi.txt jkl.txt

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mkdir abc def ghi jkl

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv abc.txt abc

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv def.txt def

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv ghi.txt ghi

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv jkl.txt jkl

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3

```
$ ls */
abc/:
abc.txt

def/:
def.txt

ghi/:
ghi.txt

jkl/:
jkl.txt
```

MINGW64:/c/Users/ADMIN/desktop/CIC526/Day3

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ touch abc.txt def.txt ghi.txt jkl.txt

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ ls *.txt
abc.txt  def.txt  ghi.txt  jkl.txt

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mkdir abc def ghi jkl

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv abc.txt abc

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv def.txt def

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv ghi.txt ghi

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv jkl.txt jkl
```

MINGW64:/c/Users/ADMIN/desktop/CIC526/Day3

```
$ mv def.txt def

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv ghi.txt ghi

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv jkl.txt jkl

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ ls */
abc/:
abc.txt

def/:
def.txt

ghi/:
ghi.txt

jkl/:
jkl.txt
```

Append current date to all log files name which has extension .log.1 from a folder

E.g original file - access.log.1
New updated file name - access-20102019.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ touch abc.log.1 def.log.1 ghi.log.1 jkl.log.1

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ ls *.log.1
abc.log.1 def.log.1 ghi.log.1 jkl.log.1

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ date "+%D"
05/28/22

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv abc.log.1 abc-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv def.log.1 def-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv ghi.log.1 ghi-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv jkl.log.1 jkl-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ ls *.log
abc-28052022.log def-28052022.log ghi-28052022.log jkl-28052022.log

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ touch abc.log.1 def.log.1 ghi.log.1 jkl.log.1

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ ls *.log.1
abc.log.1  def.log.1  ghi.log.1  jkl.log.1

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ date "+%D"
05/28/22

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv abc.log.1 abc-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv def.log.1 def-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv ghi.log.1 ghi-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mv jkl.log.1 jkl-28052022.log

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ ls *.log
abc-28052022.log  def-28052022.log  ghi-28052022.log  jkl-28052022.log
```

Print last 4 frequently access urls count in sorted order from /var/log/httpd/access.log

a) View /var/log/httpd/access.log
b) Print field which has urls data.
c) Sort extracted urls and count it
d) Print 4 unique urls
        Expect sample output -
                3458 /index.html
                300 /api/swagger-ui.html
                100 /favi.ico
                20 /robots.txt

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log
.
.
.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print ($ (NF-1)) }'
+http://www.google.com/bot.html)"
http://cloudsystemnetworks.com)"
+http://www.google.com/bot.html)"
+http://www.google.com/bot.html)"
+http://www.google.com/bot.html)"
+http://www.google.com/bot.html)"
```

Firefox/62.0"
+http://www.google.com/bot.html)"
+http://www.google.com/bot.html)"
+http://www.google.com/bot.html)"
Favicon"
Favicon"
+http://www.google.com/bot.html)"
+http://www.google.com/bot.html)"
.
.
.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/cic526/day3
$ cat access.log | awk '{print ($ (NF-1) ) }' | sort | uniq -c
     2 "Go-http-client/1.1"
     1 "python-requests/2.22.0"
    74 +http://www.google.com/bot.html)"
     2 +info@netcraft.com)"
    16 Favicon"
     7 Firefox/3.6.8"
     4 Firefox/62.0"
    58 Firefox/68.0"
     1 Firefox/68.1.1"
    33 Firefox/69.0"
  3006 Safari/537.36"
     6 http://cloudsystemnetworks.com)"

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/cic526/day3
$ cat access.log | awk '{print ($ (NF-1) ) }' | sort | uniq -c |head -4
     2 "Go-http-client/1.1"
     1 "python-requests/2.22.0"
    74 +http://www.google.com/bot.html)"
     2 +info@netcraft.com)"

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print ($ (NF-1) ) }' | sort | uniq -c
      2 "Go-http-client/1.1"
      1 "python-requests/2.22.0"
     74 +http://www.google.com/bot.html)"
      2 +info@netcraft.com)"
     16 Favicon"
      7 Firefox/3.6.8"
      4 Firefox/62.0"
     58 Firefox/68.0"
      1 Firefox/68.1.1"
     33 Firefox/69.0"
   3006 Safari/537.36"
      6 http://cloudsystemnetworks.com)"

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print ($ (NF-1) ) }' | sort | uniq -c | head -4
      2 "Go-http-client/1.1"
      1 "python-requests/2.22.0"
     74 +http://www.google.com/bot.html)"
      2 +info@netcraft.com)"
```

Print list of last 4 frequently access unique urls at particular hours from /var/log/httpd/access.log

a) View access.log without opening it using editor.
b) Print urls which has given timestamp.
c) Sort extracted urls and count it
d) Print 4 unique urls

Expect sample output -
3458 /index.html
300 /api/swagger-ui.html
100 /favi.ico
20 /robots.txt

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print $4 , $ (NF-1) }'
[11/Sep/2019:22:54:52 +http://www.google.com/bot.html)"
[14/Sep/2019:06:36:37 http://cloudsystemnetworks.com)"
[14/Sep/2019:18:56:46 +http://www.google.com/bot.html)"
[14/Sep/2019:18:56:46 +http://www.google.com/bot.html)"
[14/Sep/2019:20:44:44 +http://www.google.com/bot.html)"
[15/Sep/2019:13:56:11 +http://www.google.com/bot.html)"
[15/Sep/2019:17:37:56 Firefox/62.0"
.

.
.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print $4 , $ (NF-1) }' | sort
[01/Oct/2019:05:44:10 Firefox/68.0"
[01/Oct/2019:05:44:12 Firefox/68.0"
[01/Oct/2019:05:44:12 Firefox/68.0"
[01/Oct/2019:05:44:12 Firefox/68.0"
[01/Oct/2019:05:44:12 Firefox/68.0"
[01/Oct/2019:05:44:13 Firefox/68.0"
[01/Oct/2019:05:44:13 Firefox/68.0"
[01/Oct/2019:05:46:39 Firefox/68.0"
[01/Oct/2019:05:46:41 Firefox/68.0"
.
.
.
.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print $4 , $ (NF-1) }' | sort | uniq -c | head -4
     1 [01/Oct/2019:05:44:10 Firefox/68.0"
     4 [01/Oct/2019:05:44:12 Firefox/68.0"
     2 [01/Oct/2019:05:44:13 Firefox/68.0"
     1 [01/Oct/2019:05:46:39 Firefox/68.0"

Print list of web response code count in the unique sorted order at specific hours

a) View access.log without opening it using editor.
b) Print web response code field which has given timestamp
c) Sort extracted response code and count it
d) Print 4 unique response code count

Expected sample output -
1000 200
100 304

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print $9, $9 }'
200 200

```
200 200
200 200
200 200
200 200
200 200
200 200
.
.
.
```

```
$ cat access.log | awk '{print  $9,  $9 }' | sort
200 200
200 200
200 200
200 200
200 200
200 200
.
```

```
$ cat access.log | awk '{print  $9,  $9 }' | sort | uniq -c
   3176 200 200
      8 206 206
     26 304 304
```

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print  $9,  $9 }' | sort | uniq -c
   3176 200 200
      8 206 206
     26 304 304
```

Print list of last 10 unique sorted client IP from /var/log/httpd/access.log

a) View access.log without opening it using editor.
b) Print client ip field from access log
c) Sort extracted client IP and count it
d) Print 4 unique client IPs

```
        Expect sample output -
                3635 107.181.177.135
                423 27.62.203.44
                45 157.44.195.138
                4 157.39.158.225
```

```
$ cat access.log | awk '{print  $1 }'
10.56.2.2
10.56.22.3
10.56.19.3
10.56.19.3
10.56.4.2
```

```
10.56.3.4
10.56.4.2
10.56.0.3
10.56.0.3
10.56.0.3
.
.
.
```

```
$ cat access.log | awk '{print  $1 }' | sort
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
10.56.0.3
.
.
.
```

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
```
$ cat access.log | awk '{print  $1 }' | sort | uniq -c
    261 10.56.0.3
    283 10.56.1.3
    213 10.56.10.2
    345 10.56.19.3
    383 10.56.2.2
    323 10.56.21.2
    251 10.56.22.3
    214 10.56.3.4
      9 10.56.34.4
    242 10.56.4.2
      7 10.56.44.4
     40 10.56.46.2
    168 10.56.5.2
    285 10.56.6.4
    186 10.56.9.3
```

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
```
$ cat access.log | awk '{print  $1 }' | sort | uniq -c | tail -10
    323 10.56.21.2
    251 10.56.22.3
    214 10.56.3.4
      9 10.56.34.4
```

```
   242 10.56.4.2
     7 10.56.44.4
    40 10.56.46.2
   168 10.56.5.2
   285 10.56.6.4
   186 10.56.9.3
```

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat access.log | awk '{print  $1 }' | sort | uniq -c | tail -10
    323 10.56.21.2
    251 10.56.22.3
    214 10.56.3.4
      9 10.56.34.4
    242 10.56.4.2
      7 10.56.44.4
     40 10.56.46.2
    168 10.56.5.2
    285 10.56.6.4
    186 10.56.9.3
```

Data analysis / manipulation (Awk)

Id	Employee Name	Job Title	Base Pay	Overtime Pay	Other Pay	Total Pay	TotalPayBenefits
1	NATHANIEL	GM	167411	0	400184	567595	567595
2	GARY	CAPTAIN	155966	245131	137811	538909	538909
3	ALBERT	CAPTAIN	212739	106088	16452	335279	335279
4	CHRISTOPHER	MECHANIC	77916	56120	198306	332343	32343
5	PATRICK	DEPUTY CHIEF	134401	9737	182234	326373	326373
6	DAVID	ASST DEPUTY	118602	8601	189082	316285	316285
7	ALSON	BATTALION CHIEF	92492	89062	134426	315981	315981
8	DAVID	DEPUTY DIRECTOR	256576	0	51322	307899	307899
10	JOANNE	CHIEF	285262	0	17115	302377	302377
12	PATRICIA	CAPTAIN	99722	87082	110804	297608	297608
13	EDWARD	EXECUTIVE	294580	0	0	294580	294580

i) Print EmployeeName and TotalPay who has BasePay greater than 10000

a) Read data file 'data.csv' from command line and extract rows which have BasePay > 10000
b) Print only EmployeeName and TotalPay

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv
Id EmployeeName JobTitle   BasePay OvertimePay OtherPay TotalPay TotalPayBenefits
1 NATHANIEL   GM   167411 0   400184 567595 567595
2 GARY   CAPTAIN   155966 245131   137811 538909 538909
3 ALBERT   CAPTAIN   212739 106088   16452   335279 335279
4 CHRISTOPHER MECHANIC   77916 56120   198306 332343 332343
5 PATRICK   DEPUTYCHIEF   134401 9737   182234 326373 326373
6 DAVID   ASSTDEPUTY   118602 8601   189082 316285 316285
7 ALSON   BATTALIONCHIEF 92492 89062   134426 315981 315981
```

```
 8 DAVID       DEPUTYDIRECTOR 256576 0       51322   307899  307899
10 JOANNE     CHIEF        285262 0      17115   302377  302377
12 PATRICIA    CAPTAIN      99722 87082     110804 297608  297608
13 EDWARD      EXECUTIVE     294580 0       0     294580  294580
```

```
$ cat dataanalysis.csv | awk '{ if ( $4 >= 10000) print $0 }'
Id EmployeeName JobTitle      BasePay OvertimePay OtherPay TotalPay TotalPayBenefits
1  NATHANIEL  GM         167411 0      400184 567595  567595
2  GARY      CAPTAIN     155966 245131    137811 538909  538909
3  ALBERT     CAPTAIN      212739 106088    16452  335279  335279
4  CHRISTOPHER MECHANIC     77916 56120      198306 332343  332343
5  PATRICK    DEPUTYCHIEF   134401 9737      182234 326373  326373
6  DAVID      ASSTDEPUTY    118602 8601      189082 316285  316285
7  ALSON      BATTALIONCHIEF 92492 89062      134426 315981  315981
8  DAVID      DEPUTYDIRECTOR 256576 0       51322  307899  307899
10 JOANNE     CHIEF        285262 0      17115   302377  302377
12 PATRICIA    CAPTAIN      99722 87082     110804 297608  297608
13 EDWARD      EXECUTIVE     294580 0       0     294580  294580
```

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3

```
$ cat dataanalysis.csv | awk '{ if ( $4 >= 10000) print $2, $7 }'
EmployeeName TotalPay
NATHANIEL 567595
GARY 538909
ALBERT 335279
CHRISTOPHER 332343
PATRICK 326373
DAVID 316285
ALSON 315981
DAVID 307899
JOANNE 302377
PATRICIA 297608
EDWARD 294580
```

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | awk '{ if ( $4 >= 10000) print $0 }'
Id EmployeeName JobTitle        BasePay OvertimePay OtherPay TotalPay TotalPayBenefits
1  NATHANIEL   GM              167411  0           400184   567595   567595
2  GARY        CAPTAIN         155966  245131      137811   538909   538909
3  ALBERT      CAPTAIN         212739  106088      16452    335279   335279
4  CHRISTOPHER MECHANIC        77916   56120       198306   332343   332343
5  PATRICK     DEPUTYCHIEF     134401  9737        182234   326373   326373
6  DAVID       ASSTDEPUTY      118602  8601        189082   316285   316285
7  ALSON       BATTALIONCHIEF  92492   89062       134426   315981   315981
8  DAVID       DEPUTYDIRECTOR  256576  0           51322    307899   307899
10 JOANNE      CHIEF           285262  0           17115    302377   302377
12 PATRICIA    CAPTAIN         99722   87082       110804   297608   297608
13 EDWARD      EXECUTIVE       294580  0           0        294580   294580

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | awk '{ if ( $4 >= 10000) print $2, $7 }'
EmployeeName TotalPay
NATHANIEL 567595
GARY 538909
ALBERT 335279
CHRISTOPHER 332343
PATRICK 326373
DAVID 316285
ALSON 315981
DAVID 307899
JOANNE 302377
PATRICIA 297608
EDWARD 294580
```

ii) What is the aggregate TotalPay of employees whose jobtitle is 'CAPTAIN'

a) Read data file 'data.csv' from command line and extract rows which have 'CAPTAIN' in the column 'jobtitle'
b) Extract TotalPay and calculate sum. Print the result on terminal.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | grep -i captain
2 GARY   CAPTAIN   155966 245131   137811 538909 538909
3 ALBERT   CAPTAIN   212739 106088   16452   335279 335279
12 PATRICIA   CAPTAIN   99722 87082   110804 297608 297608

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | grep -i captain | awk '{ total += $7; count ++} END { print total/count}'
390599

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | grep -i captain
2  GARY        CAPTAIN        155966  245131      137811  538909  538909
3  ALBERT      CAPTAIN        212739  106088      16452   335279  335279
12 PATRICIA    CAPTAIN        99722   87082       110804  297608  297608

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | grep -i captain | awk '{ total += $7; count ++} END { print total/count}'
390599
```

iii) Print JobTitle and Overtimepay who has Overtimepay is between 7000 and 10000

a) Read data file 'data.csv' from command line and extract jobtitle and overtimepay for column value range
   between 7000-10000
b) Print the result on terminal.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | awk '{ if ($5 < 10000 && $5 > 7000) print $3, $5}'
DEPUTYCHIEF 9737
ASSTDEPUTY 8601

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | awk '{ if ( $5 < 10000  && $5 > 7000 )  print $3, $5}'
DEPUTYCHIEF 9737
ASSTDEPUTY 8601
```

iv) Print average BasePay

a)Read data file 'data.csv' from command line and extract BasePay values and calculate its average
b)Print the result on terminal.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | awk '{ t += $4; c++ } END { print t/c }'
157972

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cat dataanalysis.csv | awk '{ t += $4; c++ } END { print t/c }'
157972
```

Find the difference between original file and the updated file.
Apply changes to the original file.

a) Create two directories as "original" and "updated"
b) Copy given file 'original-file.sh' to the folder "original" and "updated-file.sh" to the
   folder "updated"
c) Find the difference between these directories using linux command
d) Make copy of folder "original" to some other directory as "original-backup" and
   apply changes to 'original-file.sh' file
e) Verify that both folders "updated" and "original-backup" have no difference.

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mkdir original updated

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ touch original-file.sh updated-file.sh

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cp original-file.sh original

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cp updated-file.sh updated

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ diff original updated
Only in original: original-file.sh
Only in updated: updated-file.sh

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cp -r original updated/original-backup

MINGW64:/c/Users/ADMIN/desktop/CIC526/Day3

```
ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ mkdir original updated

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ touch original-file.sh updated-file.sh

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cp original-file.sh original

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ cp updated-file.sh updated

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ diff orinignal updated
diff: orinignal: No such file or directory

ADMIN@DESKTOP-NTE5JUC MINGW64 ~/desktop/CIC526/Day3
$ diff original updated
Only in original: original-file.sh
Only in updated: updated-file.sh
```